

Fig. 1

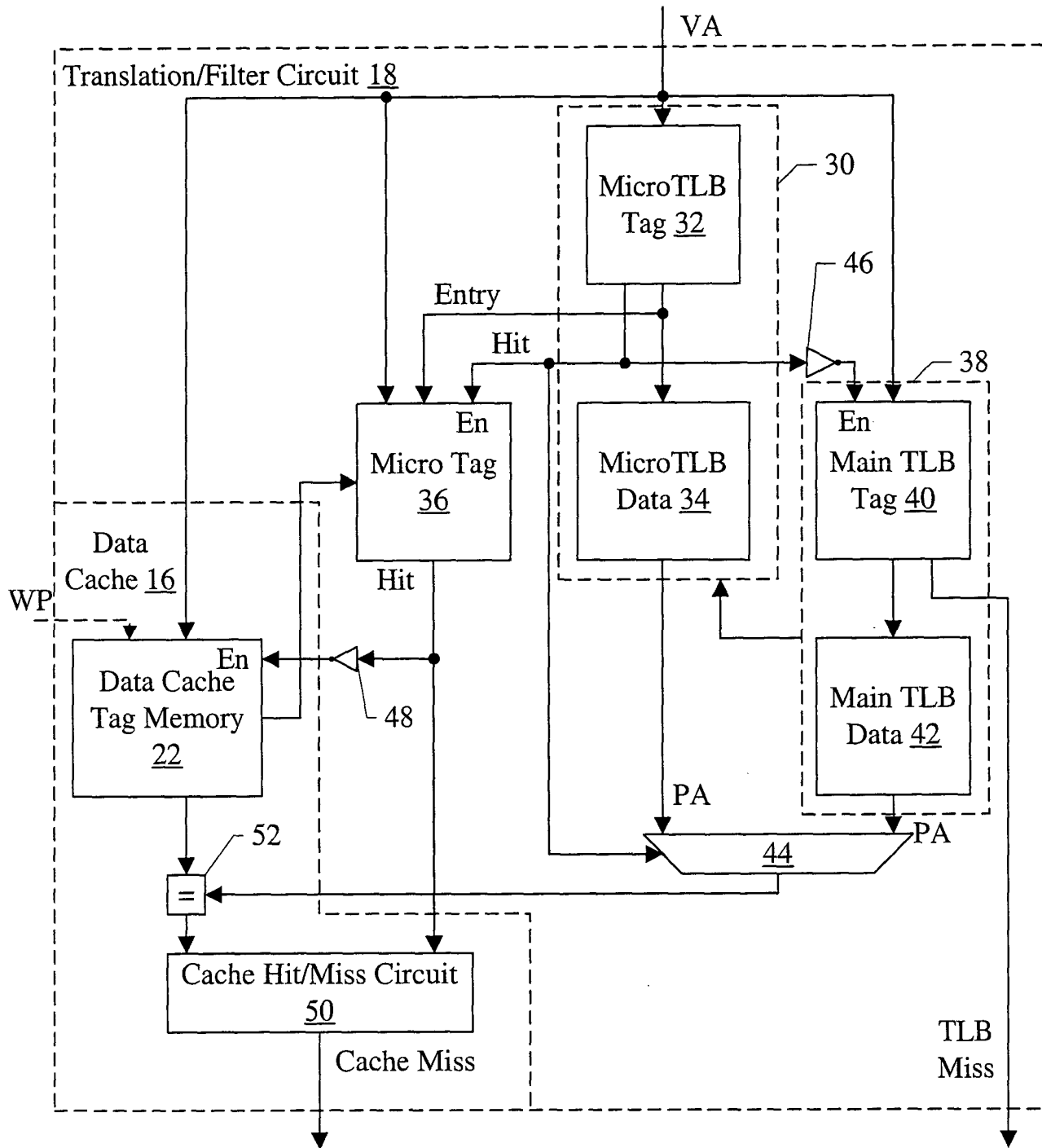


Fig. 2

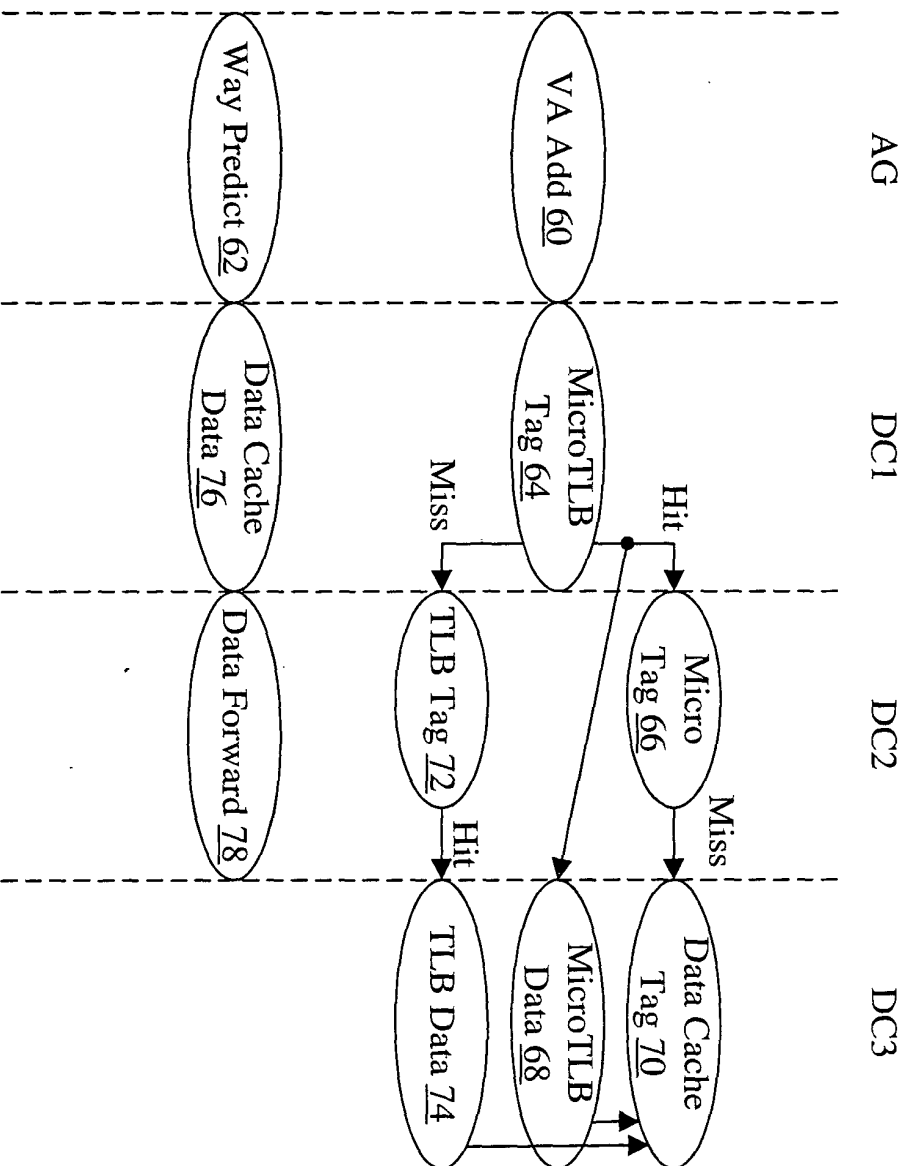


Fig. 3

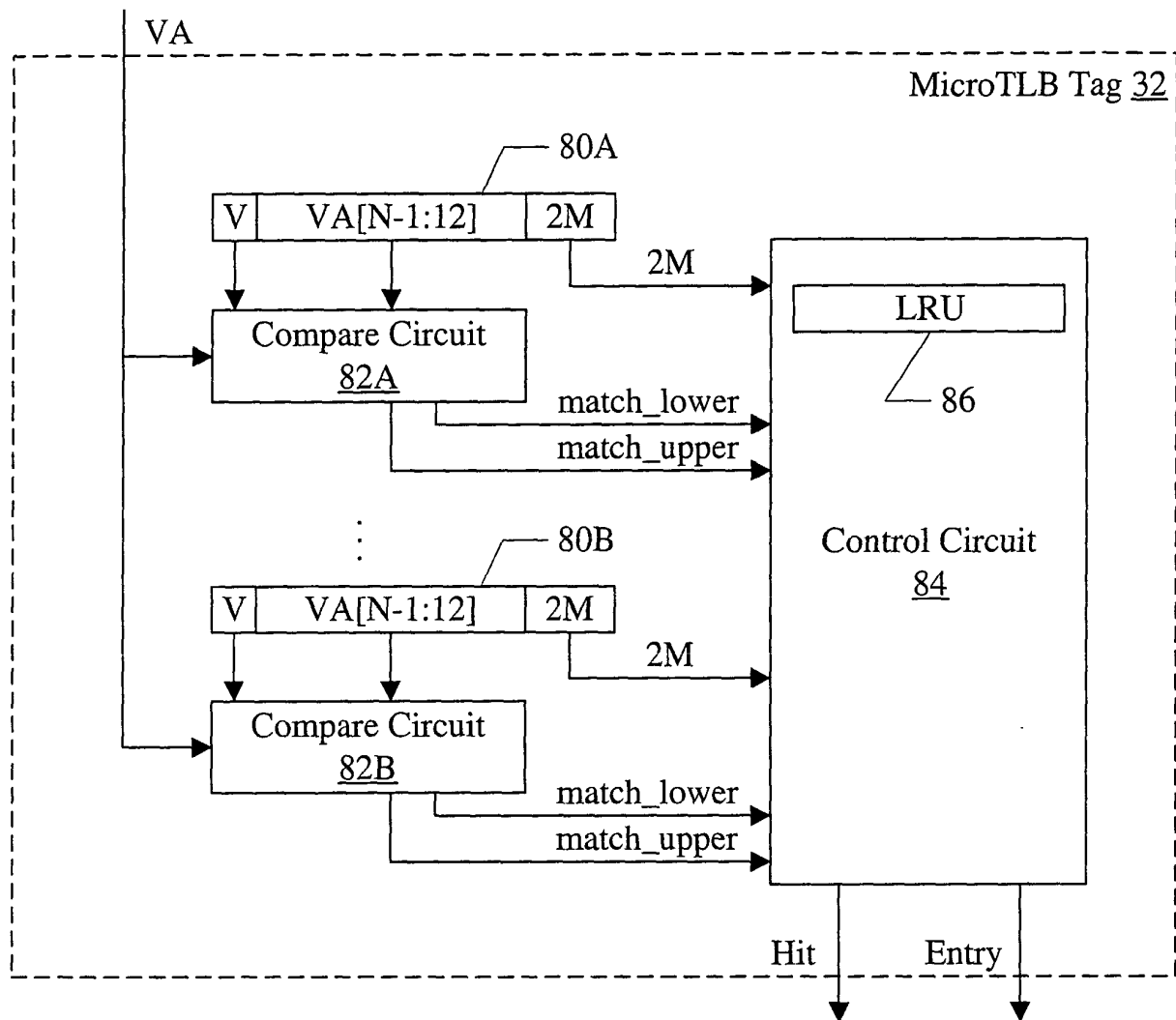


Fig. 4

<u>2M</u>	<u>match</u> <u>upper</u>	<u>match</u> <u>lower</u>	<u>Result</u>
x	0	x	MicroTLB miss (and thus Micro Tag Miss)
1	1	0	MicroTLB hit 2M page, Micro Tag Miss
1	1	1	MicroTLB hit 2M page, Micro Tag Lookup
0	1	0	MicroTLB miss (and thus Micro Tag Miss)
0	1	1	MicroTLB hit 4k page, Micro Tag Lookup

90

Fig. 5

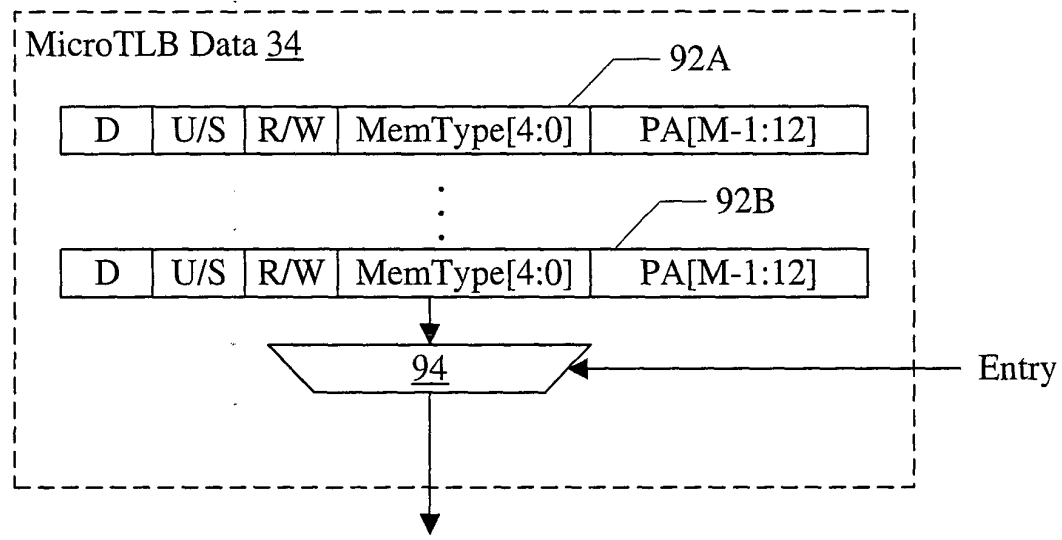
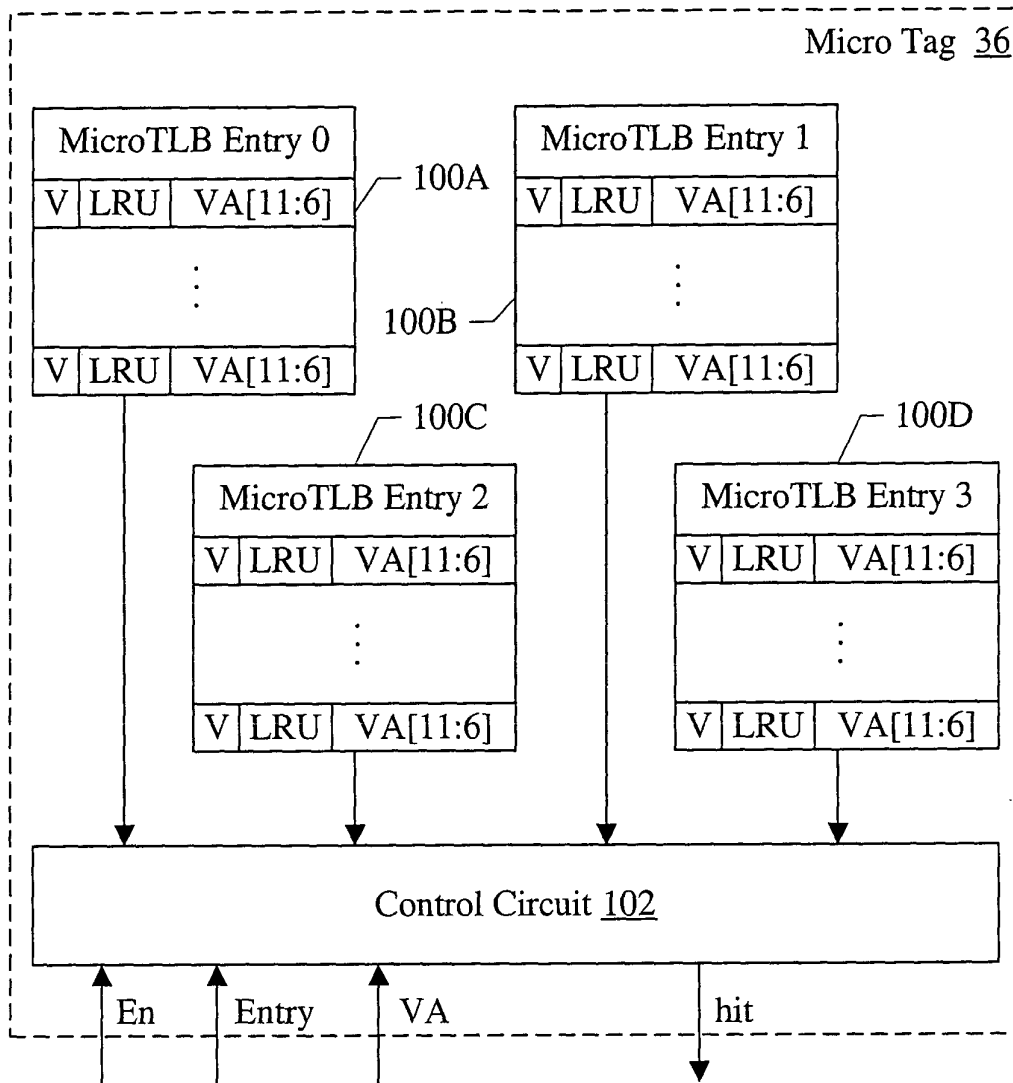


Fig. 6

Fig. 7

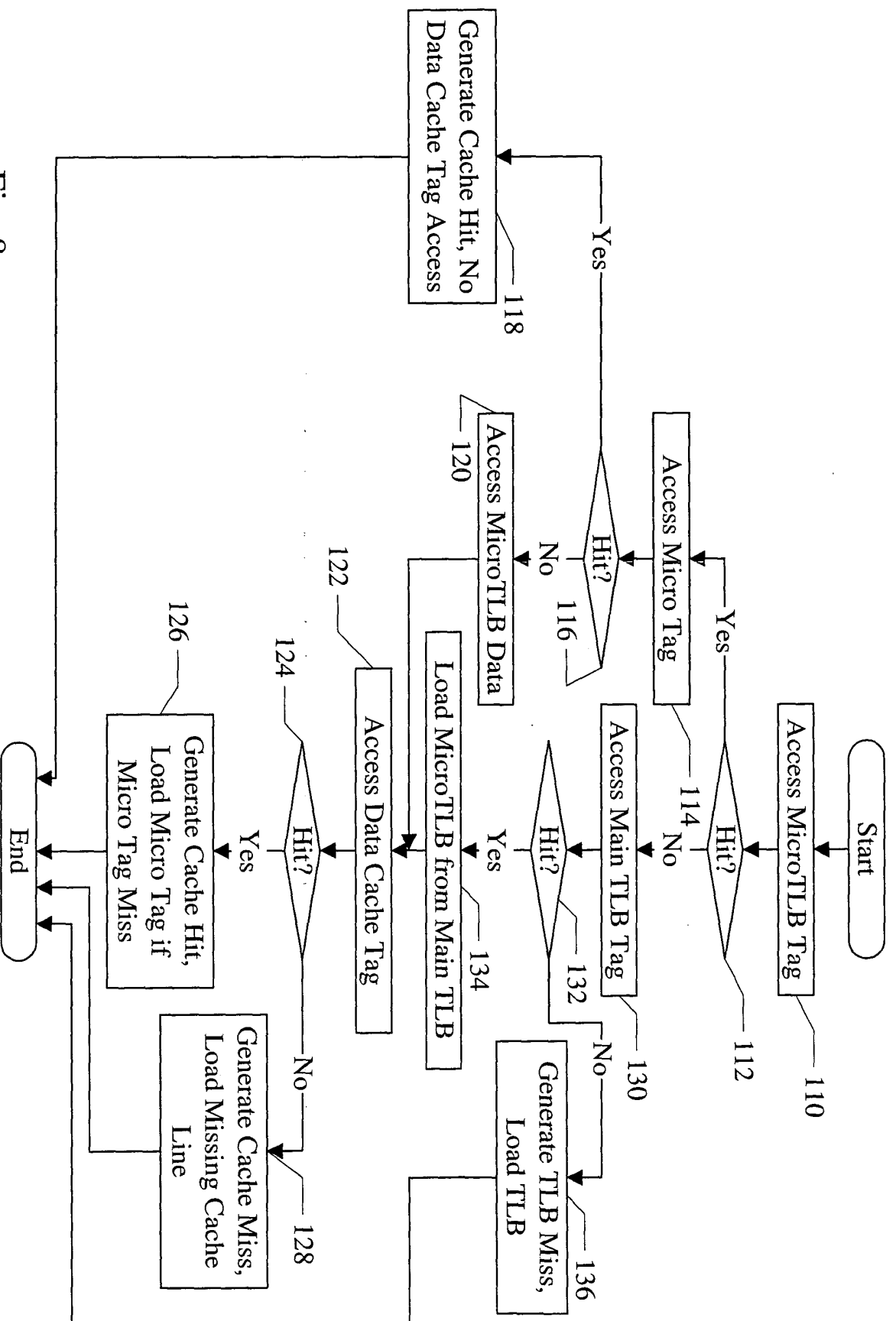


Fig. 8

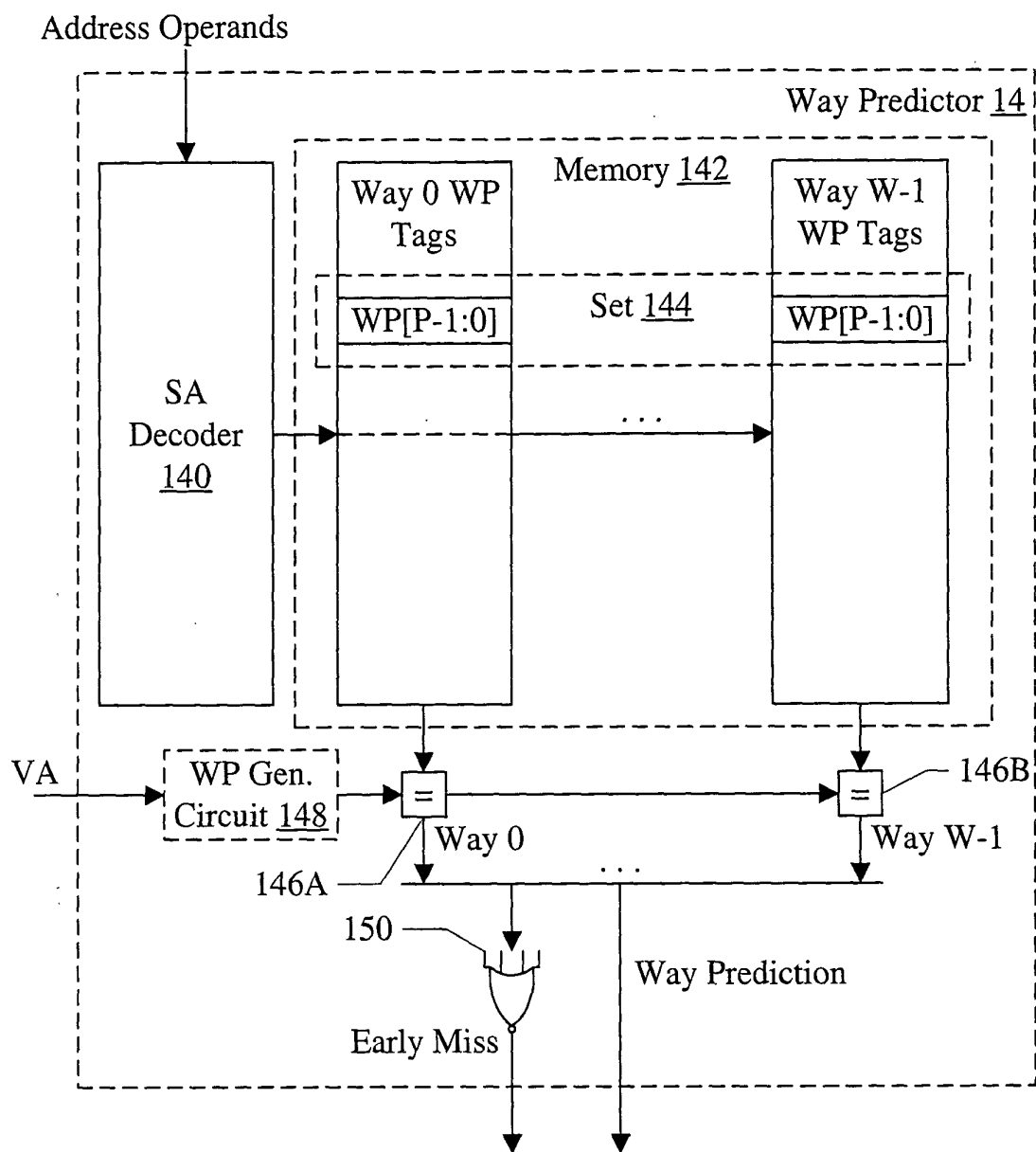


Fig. 9

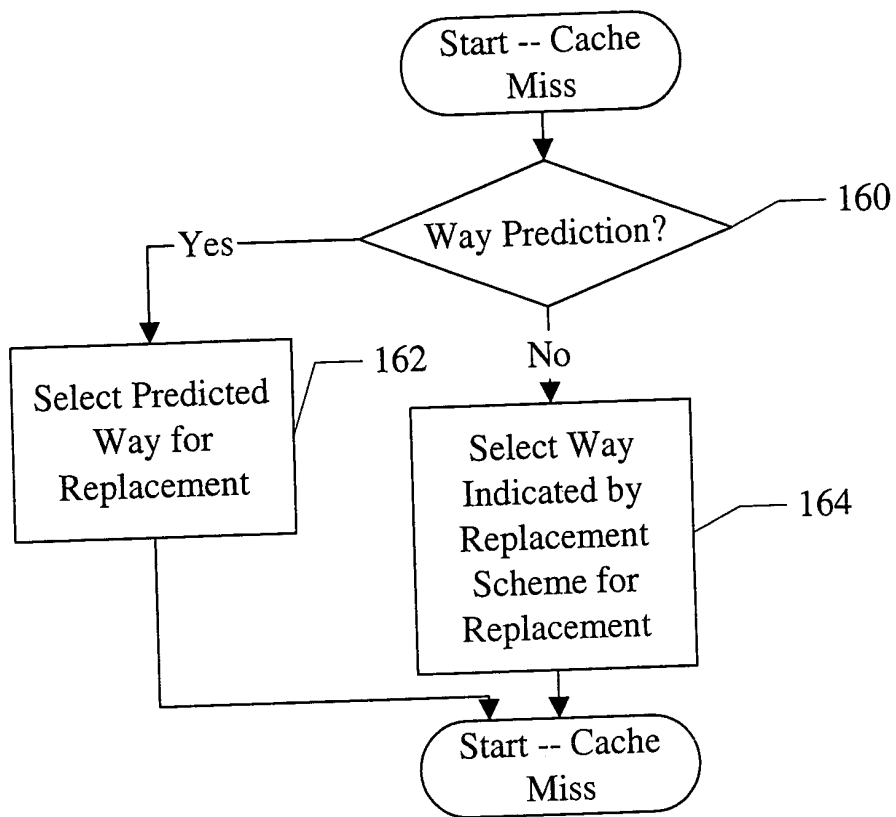


Fig. 10

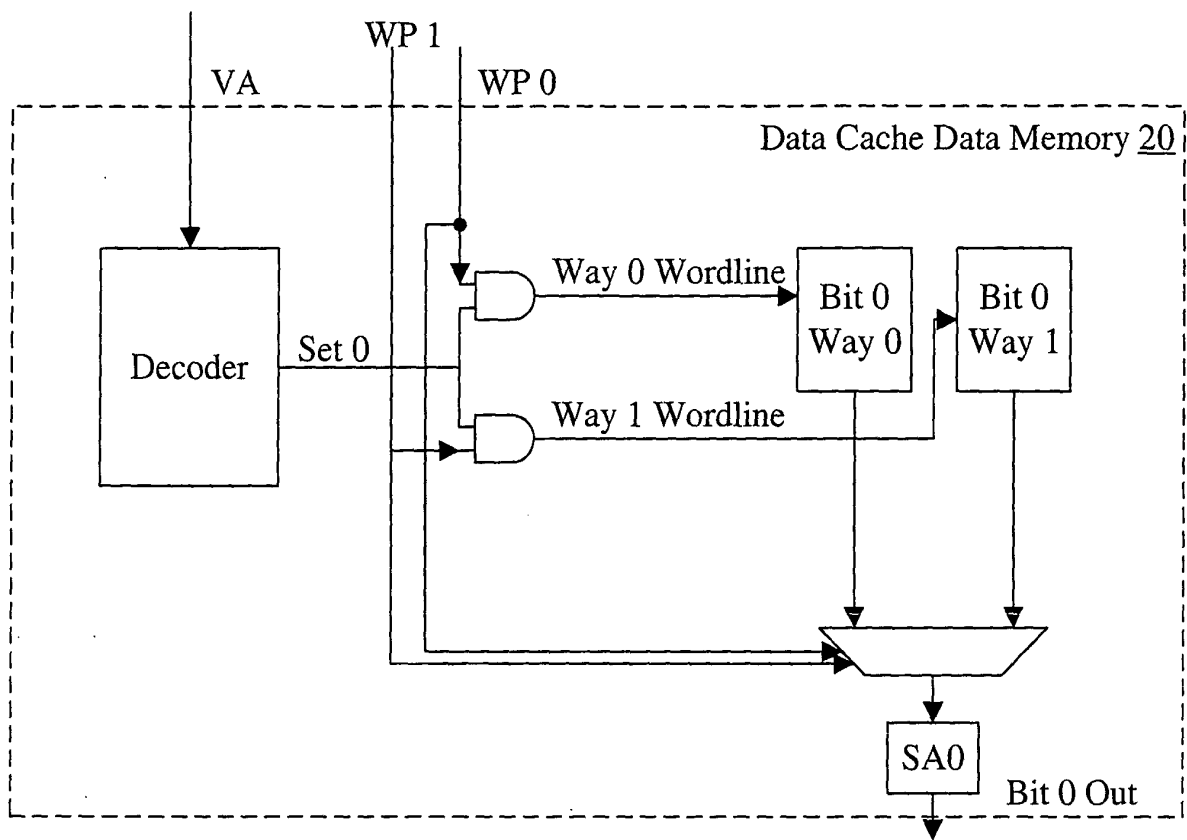


Fig. 11

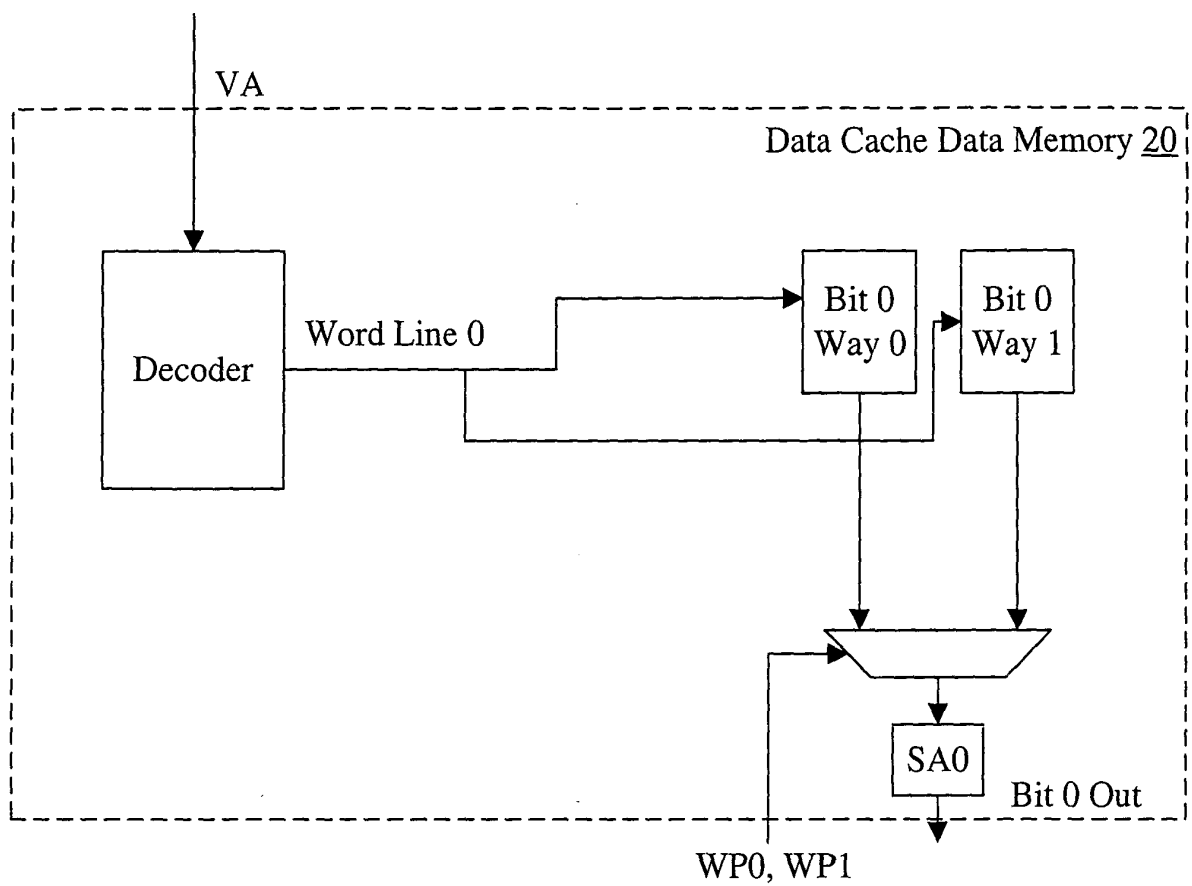


Fig. 12

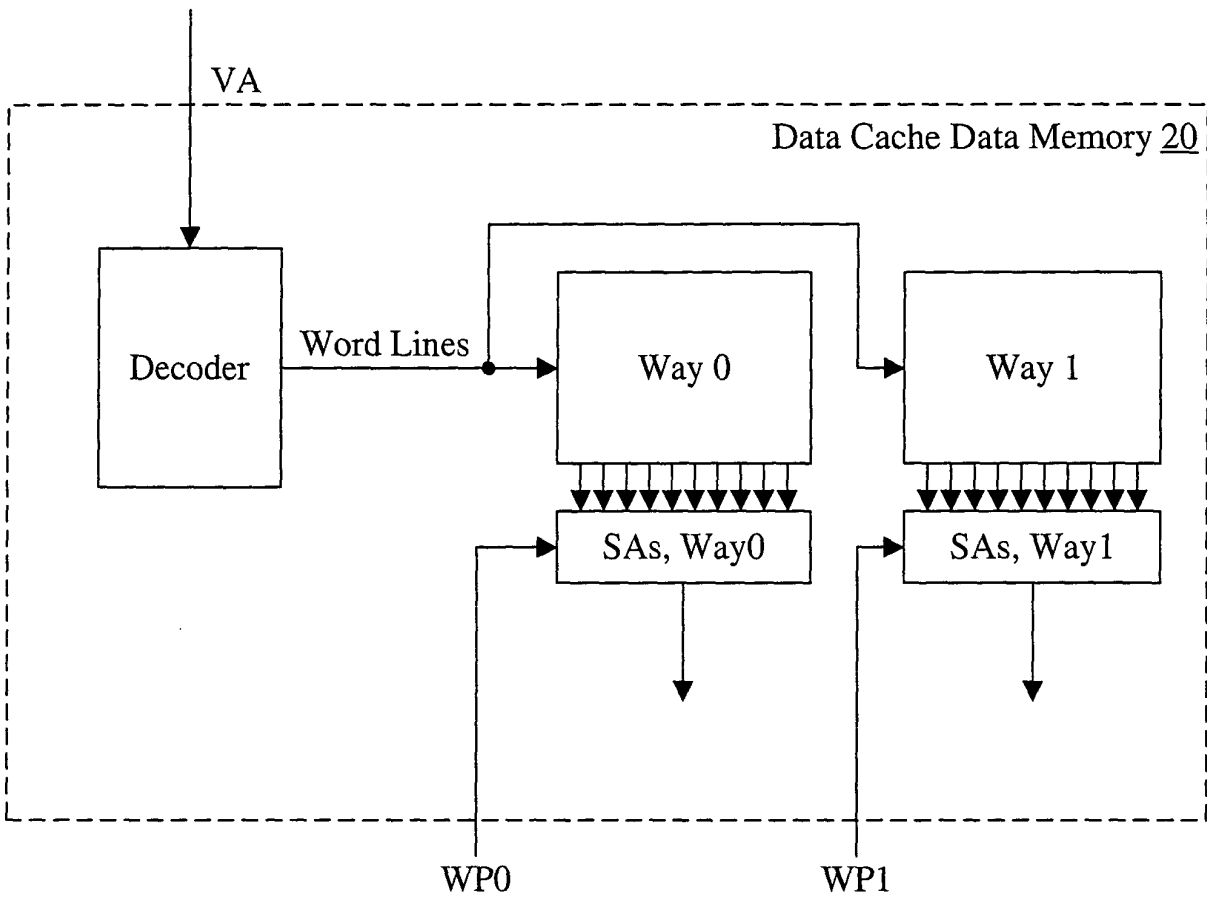


Fig. 13

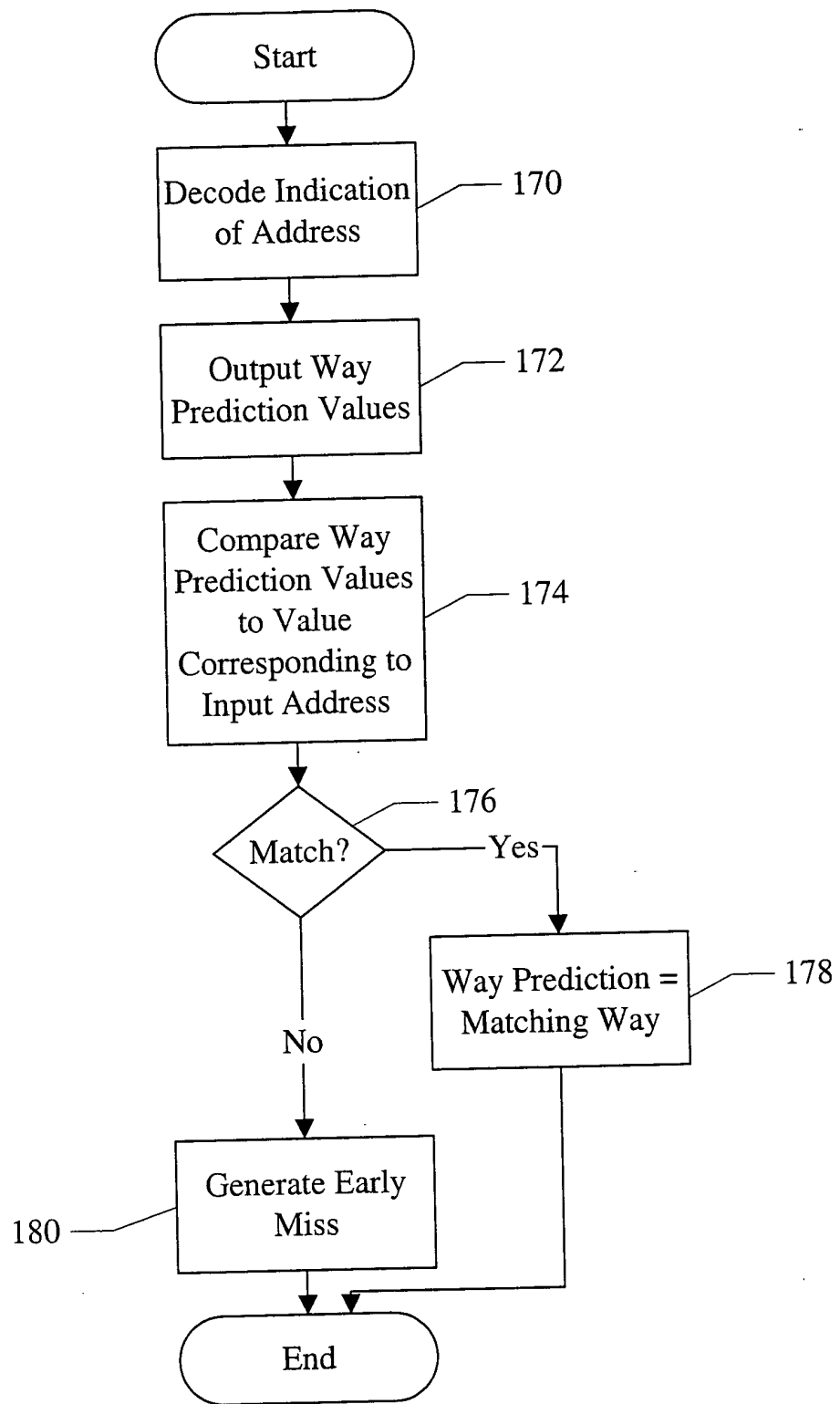


Fig. 14

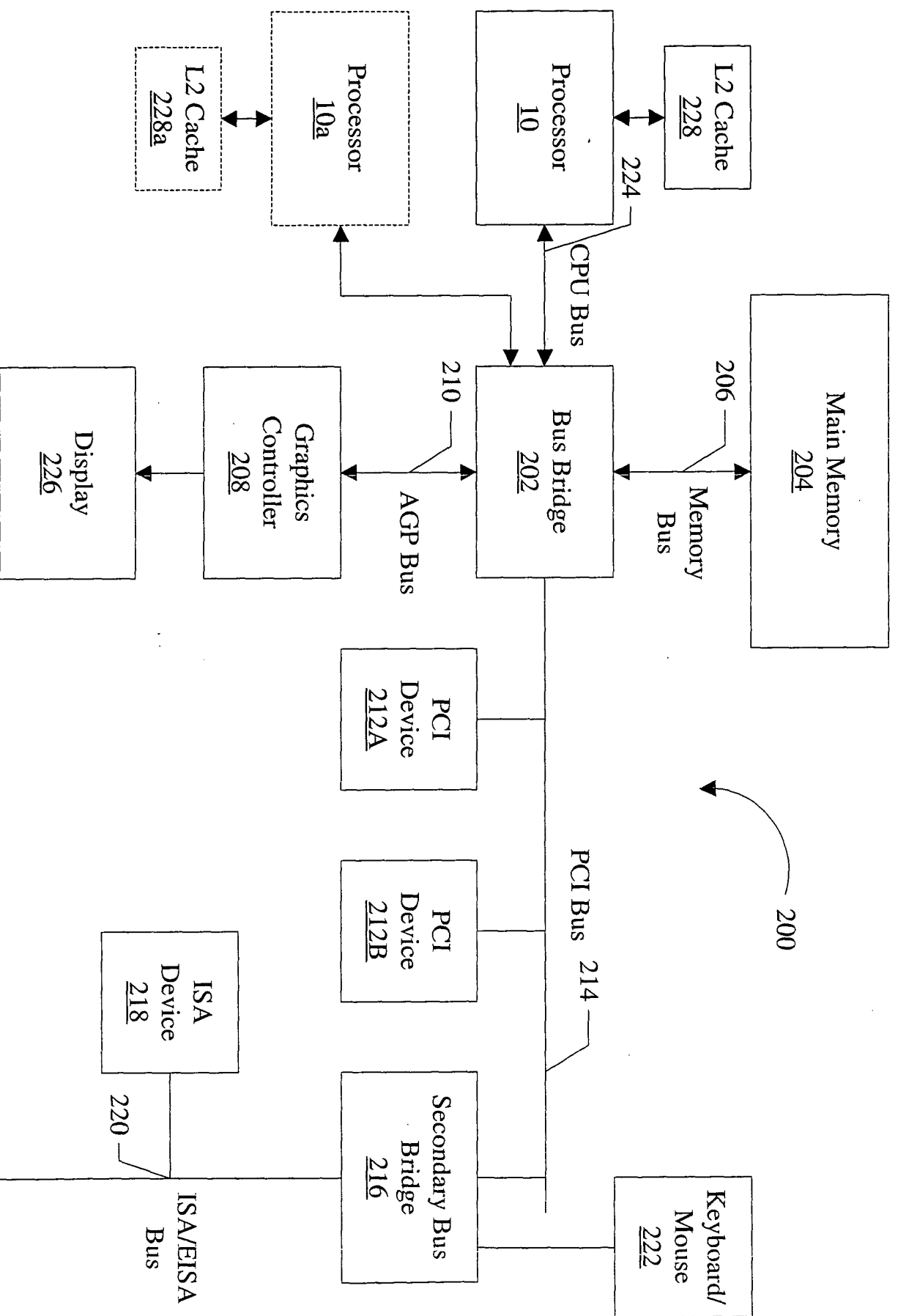
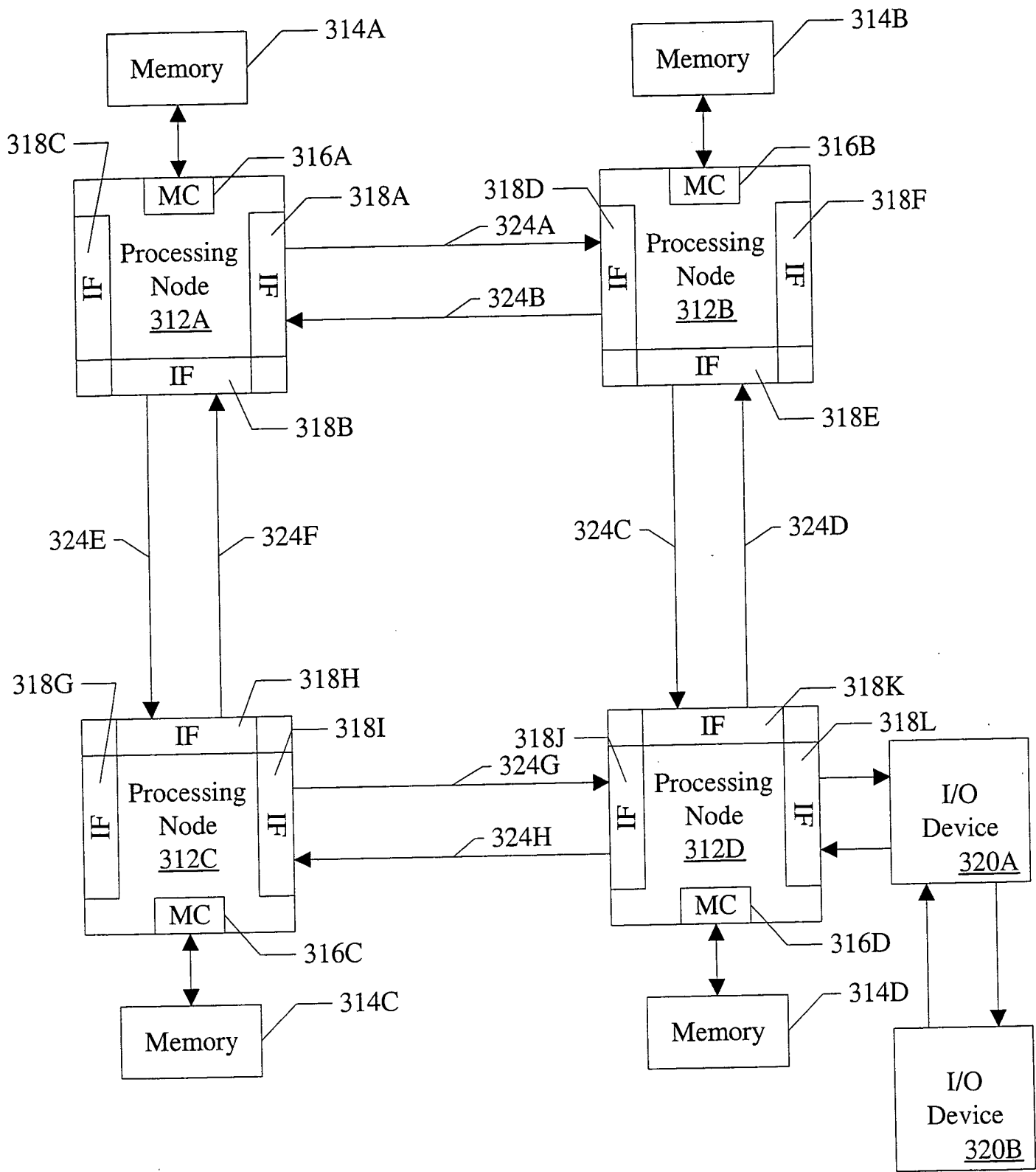


Fig. 15



300

Fig. 16